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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR .	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/305,146	05/04/1999	GEORGE V. GUYAN	AND1P069	1663
25696	7590 12/04/2001			
OPPENHEIMER WOLFF & DONNELLY			EXAMINER	
P. O. BOX 1	0356		<u> </u>	
PALO ALTO	O, CA 94303	RIMELL, SAMUEL G		
			ART UNIT	PAPER NUMBER
			2166	•
			DATE MAILED: 12/04/2001	

Please find below and/or attached an Office communication concerning this application or proceeding.

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, ,		Application No.	Applicant(s)				
Office Action Summary		09/305,146	GUYAN ET AL				
		Examiner	Art Unit				
		Sam Rimell	2166				
Period fo	 The MAILING DATE of this communication appears 	ears on the cover sl	neet with the correspondence a	address			
THE I - External after - If the - If NO - Failur - Any s	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reply period for reply is specified above, the maximum statutory period we re to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	36 (a). In no event, howev y within the statutory minim vill apply and will expire SI , cause the application to b	er, may a reply be timely filed num of thirty (30) days will be considered to X (6) MONTHS from the mailing date of the ecome ABANDONED (35 U.S.C. § 133).	is communication.			
1)□	Responsive to communication(s) filed on	<u> </u>					
2a)⊠	This action is FINAL . 2b) Th	is action is non-fin	al.				
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Dispositi	ion of Claims						
4)⊠	Claim(s) 1-21 is/are pending in the application	1.					
	4a) Of the above claim(s) is/are withdrawn from consideration.						
5)□	Claim(s) is/are allowed.						
6)⊠	Claim(s) <u>1-21</u> is/are rejected.						
7)	Claim(s) is/are objected to.						
8)□	8) Claims are subject to restriction and/or election requirement.						
Applicati	ion Papers						
9)[The specification is objected to by the Examine	er.					
10)	The drawing(s) filed on is/are objected t	to by the Examiner					
11)	1) The proposed drawing correction filed on is: a) approved b) disapproved.						
12))☐ The oath or declaration is objected to by the Examiner.						
Priority ι	ınder 35 U.S.C. § 119						
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
a) ☐ All b) ☐ Some * c) ☐ None of:							
	1. Certified copies of the priority documents	s have been receiv	red.				
	2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.							
14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).							
Attachmen	•			11- 21.00			
16) 🔲 Noti	ice of References Cited (PTO-892) ice of Draftsperson's Patent Drawing Review (PTO-948) rmation Disclosure Statement(s) (PTO-1449) Paper No(s) _	19) 🔲	Interview Summary (PTO-413) Pape Notice of Informal Patent Application Other:				

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<u>Preliminary Note:</u> The Information Disclosure Statement of 10/5/01 has been received and fully considered.

The disclosure is objected to for the following minor informality: In Figure 2A, two different structures are labeled with reference numeral 200. Correction is required.

Claims 2 and 6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2 calls for a "subcomponent of an event". It is not clear what distinction exists between an "event" and a "subcomponent of an event". Claim 6 calls for "another application". It is not clear whether this "application" is a computer program or a piece of hardware. The claims do not previously refer to an "application", so it is not clear what "another application" would actually be.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Lau (247).

Lau discloses a programming system for developing component based software using object oriented programming principles. FIG.3 discloses a data component in the form of a storage system that is capable of storing, retrieving and manipulating data in the form of completed computer programs that includes a specific sets of functions. The system further

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includes a client side, or user manipulable component (300) that includes a number of subcomponents. The first subcomponent is an adapter component composed of structures (302) and (303), which work together. The adapter component (303) transmits and receives data from the data component (308), and cooperates with the adapter component (302) to adapt data received from component (301). The second subcomponent is a business logic component (301) that includes an overall logic for manipulating data. The third subcomponent is a controller component (305) that creates completed frameworks for programs. The controller subcomponent (306) receives data on events from the user at terminal (306). The controller component also communicates with the business component (301) and the adapter components (302, 303) to persist data to a data repository in the data component (308).

The purpose of the client component (300) is to create object based programs that link an individual, such as a person (col. 7, line 62) to an event, such as the creation of an insurance policy (col. 7, line 62), an insurance claim (col. 9, line 11), or assignment of an agent to the individual (see reference numeral 501 in FIG. 5).

When a person is linked to an event, they are inherently linked to all the subcomponents associated with that event.

Information on insured individuals and claims made by those individuals must inherently be present in databases, otherwise, the system of Lau would not be able to perform the required function of 'resolving customer claims' (col. 9, line 11).

All of the events that become associated with an individual are disclosed by Lau as insurance related events (col. 9, lines 9-10).

FIG. 5 illustrates one type of correspondence template (501) which correlates the individual to certain events, such as the creation of a policy or the assignment of an agent to administer the policy.

Remarks

The disclosure has been objected to for containing a minor informality in FIG. 2A. This error has not been corrected or otherwise addressed, so the objection is maintained.

Claims 2 and 6 have been rejected under 35 USC 112, second paragraph. Claim 2 has not been addressed by either amendment or argument, so the rejection of claim 2 is maintained. Claim 6 has only been amended to replace one of the objected words with a synonym of the same word. The rejection of claim 6 is thus maintained. It is noted that the problem occurring in claim 6 relates to the meaning of the term "application", not the meaning of the term "another".

Claims 1-21 have been rejected under 35 USC 102(e) as being anticipated by Lau (247).

Examiner has pointed out that the storage system of Lau reads as the claimed "data component" that "stores retrieves and manipulates data utilizing a plurality of functions". Applicant argues that a storage system cannot manipulate data utilizing a plurality of functions. This is not correct. A storage system can manipulate data moving the data into or out of memory locations.

Applicant also argues that Lau lacks a business component that serves as a data cache and includes logic for manipulating the data. Examiner maintains that this corresponds to the business logic component (301) in the Lau reference. The business logic component in Lau is essentially a set of previously generated computer code or computer programs (col. 8, line 51). Such code or programs will inherently contain embedded data (see data objects in FIG. 2) thus making the programs a data cache. The programs include logic which operate on the data.

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Applicant also argues that the component (306) is display device and thus cannot read a controller component. The office states that the controller component is composed of both elements (305) and (306), not just element (305). Element (305) in Lau is a framework completion processor that readily reads on the claimed controller component. The display (306) is the user interface to that component.

Applicant further that argues that claims 1, 8 and 15 lack a whole series of limitations underlined in the first paragraph of page 4 in applicant's arguments. These limitations are only found in claim 15, not in claims 1 and 8, so these arguments are only pertinent to this one claim. In particular, these arguments suggest that Lau lacks at least one client component that that links and individual to an event and outputting the linked information. These features were fully addressed on page 3, second paragraph of the first office action. As specifically stated in the first office action, Lau discloses at least one client component (300) that creates object oriented programs for the purpose of linking individuals to any one of a number different insurance related events.

Applicant further argues that Lau lacks the disclosure of dirty flag processing or providing validation in computer programs. Examiner maintains that such features are inherent in objected oriented programming applications. Dirty flags are well known functions which are inherent to certain classes of objects within object oriented programming. Validation simply involves checking the programs for logical errors.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (703) 306-5626.

Primary Examiner
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